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NEW POWER PLANTS WILL INDUSTRIALIZE  
 BACKWARD AREAS

NEW POWER PLANTS BEING BUILT IN MONTENEGRO -- Slovenski Porocevalec, No 260, 5 Nov 49

After the liberation, seven minor local hydroelectric and thermal power plants and one major thermal power plant at Kotor, Montenegro, were built. Now four medium-size hydroelectric power plants are being built. The biggest of these will be at the source of the Zeta River, and it will be finished by 1951. It will be connected with the thermal electric power plant in Kotor and will supply power for the irrigation of the Bjelopsavlicka Plain near the Zeta River. Even before that time, the hydroelectric power plants at Musovica Rijeka and Cijevna and the large thermal power plant at Plevlje will be completed. The last will supply power to the new Plevlje coal mine and to the new "Suplja Stjena" lead and zinc mine next year.

The Musovica Rijeka hydroelectric power plant being built at the foot of Bjelasica north of Kolasin will have a capacity of 1,600 kilowatts. This plant is of great importance for the development of industry in the Tara valley. It will supply power to the large new lumber industry combine at Mojkovac on the Tara River and to the new mine at Brskovo. The former plant was begun last year, and by the end of this year it is expected to be in operation. The hydroelectric equipment is being built at Litostroj and the generators in the "Rade Koncar" factory. By the end of this year high-tension transmission lines will be built as far as the lumber combine at Mojkovac and the Brskovo mine.

The Musovica Rijeka power plant also will be useful in connection with the contemplated construction of a railroad in the Lima and Tara valleys, which will be a part of a large railroad along the Drina River to the sea. In the upper valley of the Tara River the construction of a huge hydroelectric power plant is contemplated.

With the construction of the Musovica Rijeka and Plevlje power plants, the Five-Year Plan for the production of electric power for Montenegro will

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be almost completed. The amount of electric power in Montenegro will be 28 times larger than the prewar amount, or 60 kilowatt-hours per capita on the average, which will still be less than the prewar average for the entire country. With the construction of other power plants, the production of electric power in Montenegro will go beyond the stipulations of the Five-Year Plan.

#### LARGE POWER PLANTS BEING BUILT AT MOSTE -- Borba, No 262, 3 Nov 49

In Slovenia alone three large hydroelectric power plants will be built according to the first Five-Year Plan. They will be in Maribor, on the Savica River, and in Moste near Zirovnica. The hydroelectric power plant at Moste will be significant for the development of industry in the Gorenjsko region.

Construction on the Moste power plant started in 1947 on the Sava Dolinka in Kavcka Canyon. It was necessary to divert the current of the Sava and to lend its water power to the turbines of the new hydroelectric plant. Two years have passed since that was accomplished. The Sava flows through a tunnel dug through the canyon walls. In the dry bottom of the canyon a large concrete dam 53 meters high is being built. In front of this dam the Sava River will flow into an artificial lake containing 5 million cubic meters of water, which will turn three large turbines at the power plant.

The machinery will be located deep under the ground below the level of the river in order to exploit maximum power from the falling water. The power plant is being built from top to bottom, thus decreasing the construction period by 2 months. A 1,500-meter tunnel is being dug for the outflow of water from the turbine into the Sava River. Behind the great dam a levee is being built to divert the flow of the excess water which will fall over the whirlpool. The water will flow through the 800-meter-long outlet tunnel from the lake to the water chamber, from which it will fall 70 meters to the turbines. The tunnel which contains the turbines will be covered by sheet steel.

Last May the brigade system of working was introduced. Competition among brigades and individual workers was organized.

A whole settlement of barracks for workers has been built on the right bank of the Sava River. The collective has a restaurant and in the center of the settlement there is a union hall.

#### MACEDONIA ELECTRIC POWER INCREASES -- Vjesnik, No 1404, 5 Nov 49

With the completion of the hydrocombine at Mavrovo in Macedonia, within the period of the Five-Year Plan the electric power in that region will be increased 12.5 times from what it was in 1939.

The Mavrovo hydroelectric power plant alone will produce ten times as much as was produced by Macedonia in 1939. Macedonia will have as much electric power as all of Yugoslavia before the war. The plant will have a capacity of 300,000 kilowatts and will produce 400 million kilowatt-hours of electric power. In addition to Macedonia, the Mavrovo plant will also supply Kosovo and Metohija. Before the split with Albania, some electric power from the Mavrovo plant went to Albania. The Mavrovo artificial lake will be used as a reservoir for irrigating many thousands of hectares of land in its vicinity. It will be ten times as large as Lake Bled and four times as deep as Lake Prespa.

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By means of a canal the water from the Radika River, with its tributaries, the Belicka, Klovaska, and Mavrovo rivers, will be brought into the artificial lake, which will hold over 357 million cubic meters of water. The Mavrovo artificial lake will be 1,300 meters above sea level, surrounded by the Bistra, Sar, and Korab mountains. A part of the Mavrovo forests, with an area of 11,750 hectares, will be the Mavrovo national park.

**MACHINERY INSTALLED IN PLJEVLJA POWER PLANT -- Borba, No 267, 9 Nov 49**

Installation of machinery in the thermal electric power plant at Pljevlja has begun. This plant will supply the newly opened mines in the vicinity of Pljevlja with electric power. The machinery weighs several hundred tons. The workers have pledged to put the power plant into operation by the end of this year.

**NEW SERBIAN POWER PLANT IN OPERATION -- Rad, No 266, 7 Nov 49**

A new electric power plant in Majdanpek, Serbia, has started to operate. It will supply the Majdanpek iron mine with power. The old power plant was not efficient enough to satisfy the needs of the mine.

**NEW POWER PLANT BEING BUILT -- Glas, No 1357, 4 Nov 49**

A small, new hydroelectric power plant is being built in the village of Kravlje in Nis Srez.

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